



Nintendo DS Upper LCD Screen Replacement

Written By: dnguye26



INTRODUCTION

The top LCD is easy to remove once the rest of the cover and circuit board have been taken out.

TOOLS:

- [Spudger](#) (1)
 - [Probe and Pick Set](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
 - [Tri-wing Screwdriver](#) (1)
 - [Tweezers](#) (1)
 - [iFixit Opening Tools](#) (1)
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Step 1 — Battery



- Remove the cartridge from the console.
- Use a Phillips #00 Screwdriver to remove the screw securing the battery door to the rear case, turning the screw counter-clockwise.
- Remove the battery door.

Step 2



- Use a plastic opening tool or spudger to pry out the battery from the bottom. If a plastic open tool or spudger isn't available, your fingernails may work.

Step 3



- Remove the battery from the Nintendo DS.

Step 4 — Back Panel



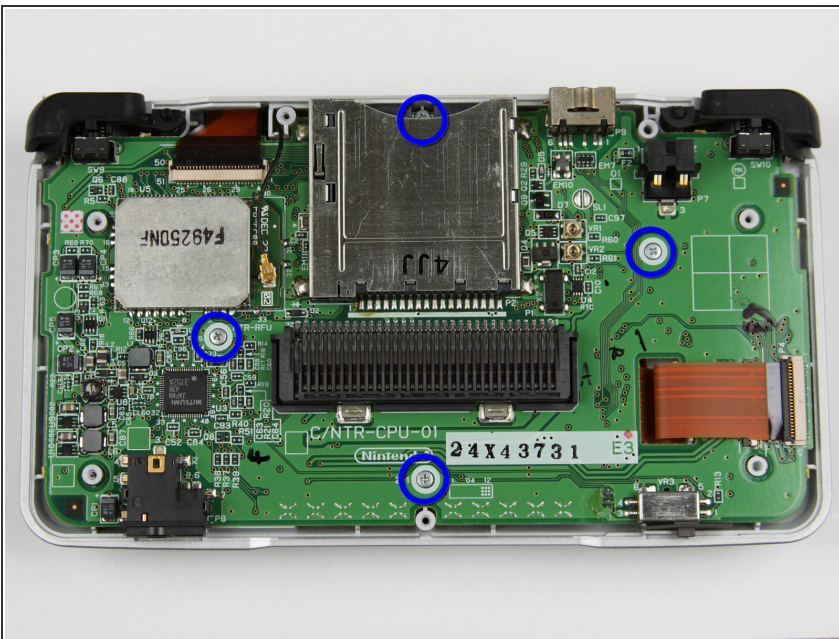
- Remove the 7 Y0 screws located on the back.
- ⓘ It might be helpful to remove the strap from the hole to access the top left screw.

Step 5



- With your hands, pry the back panel off the main case.
- Separate the back from the front, and set it aside.

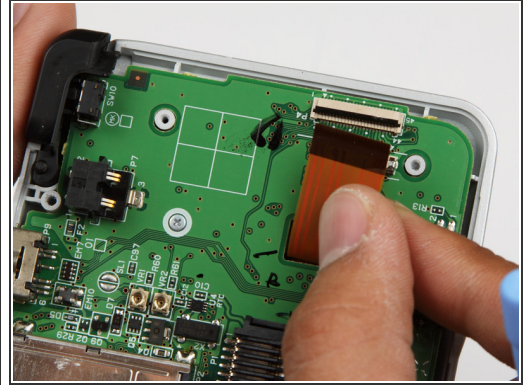
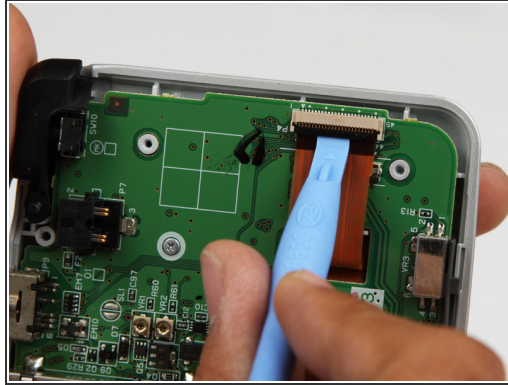
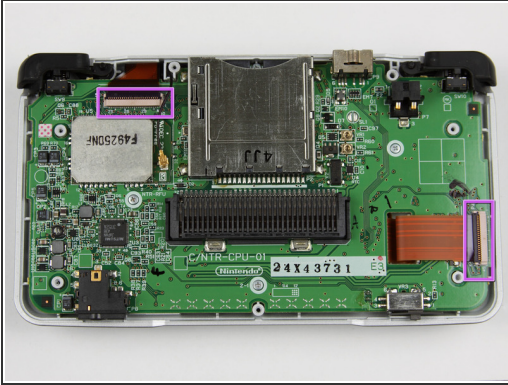
Step 6 — Main Circuit Board



- Using a Phillips #00 screwdriver, remove the 4 screws on the circuit board.

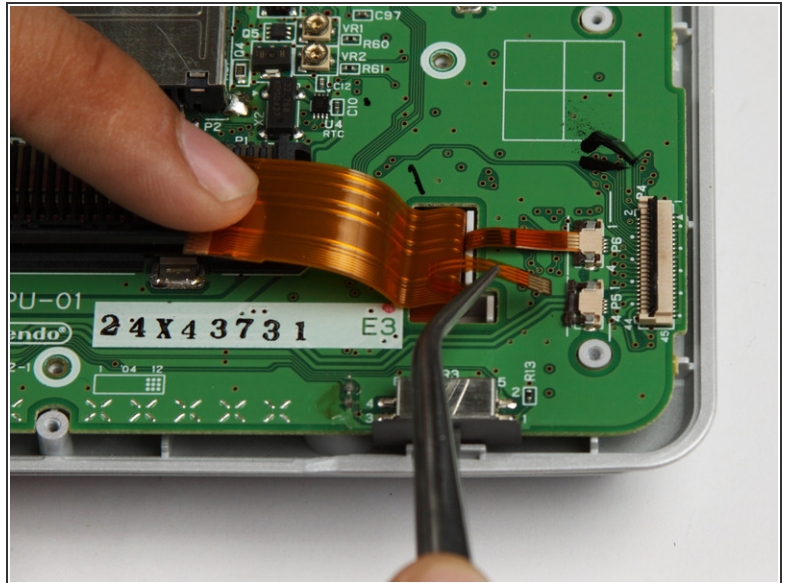
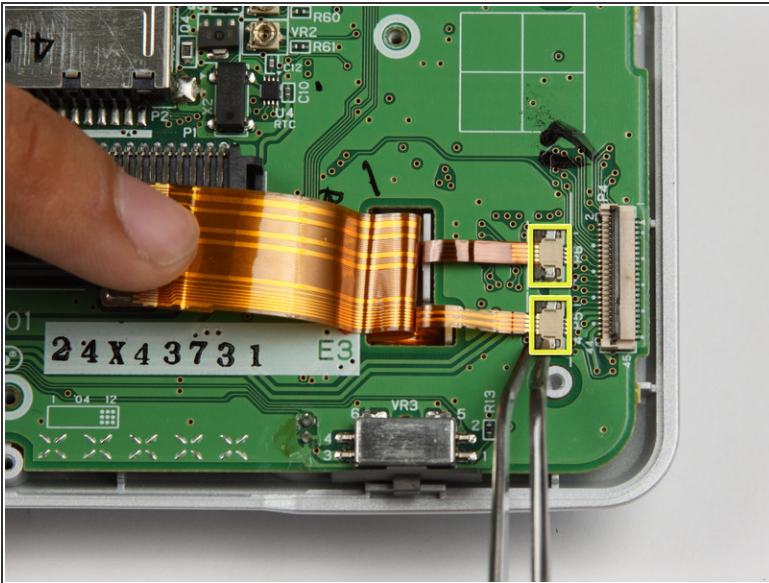
⚠ Be careful NOT to slip with the screwdriver, you can damage the circuit board!

Step 7



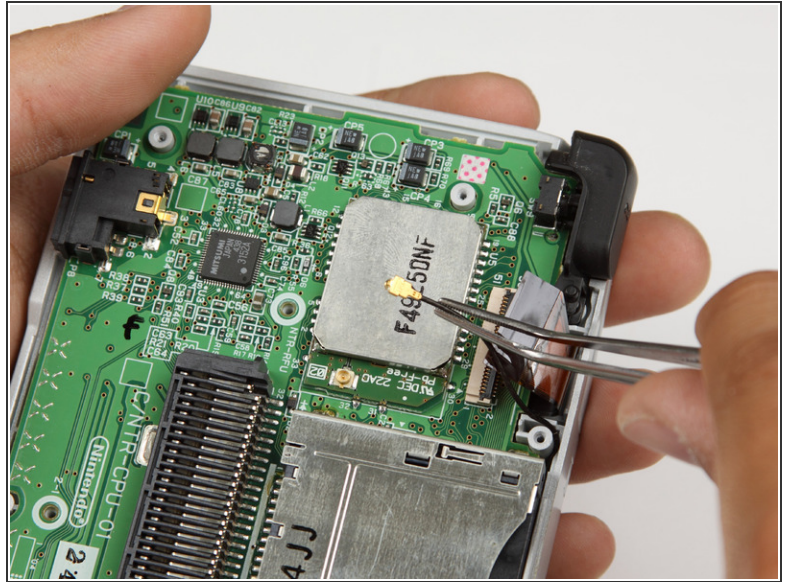
- Unlock the two large ribbon cables by moving the black clip up.
 - Carefully pull the ribbon cables down and out with your fingers.
- ⚠ Do not use pliers to pull the cables, as they can be damaged easily.

Step 8



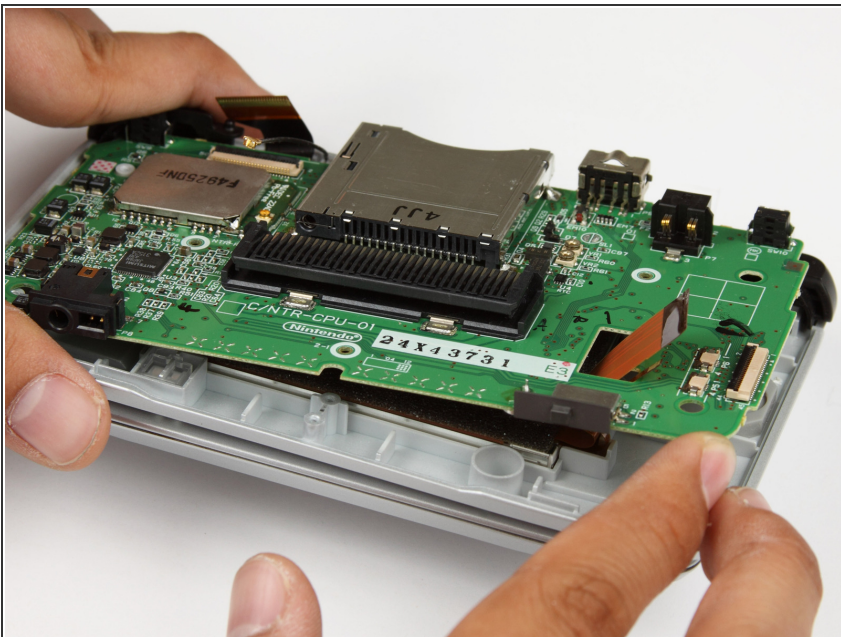
- Locate the two small ribbon cables, beneath the rightmost large ribbon cable.
 - Slide the locks for the small ribbon cables down to the side, and remove the cables.
- i* It may be useful to use tweezers to remove the small ribbon cables.
- ⚠ Be careful not to damage the delicate ribbon cables.

Step 9



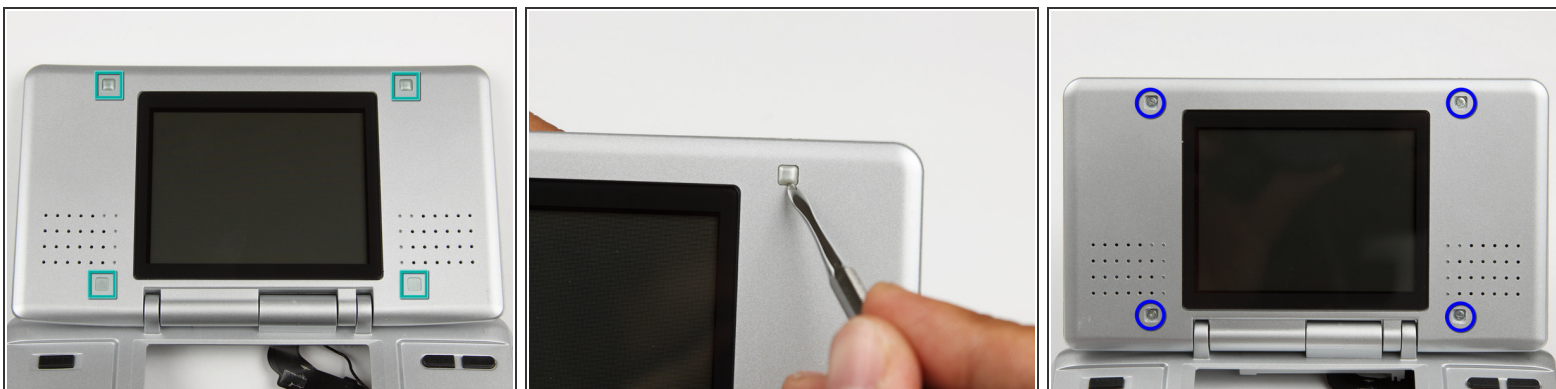
- Locate the Wifi antenna pigtail connector
- Remove the antenna by grasping it at the head with tweezers. Using a slight rocking motion, pull up to dislodge the connector.

Step 10



- Feed the ribbon cables through the opening on the board.
- Pull up and remove the circuit board, and set it aside.

Step 11 — Top LCD Screen



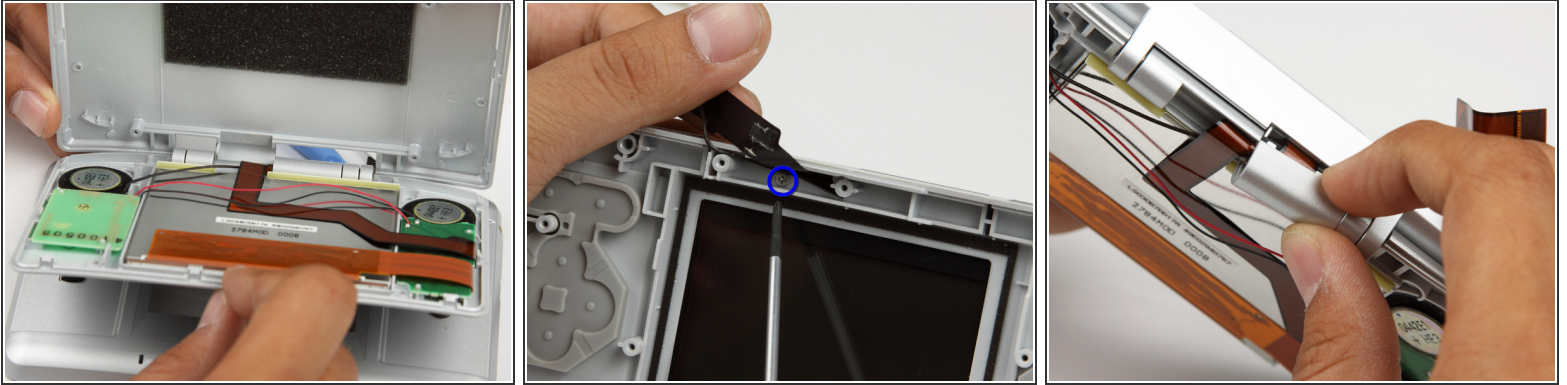
- Use a flathead screw driver or dental tool to remove rubber covers on screen.
- Then using a #00 screw driver remove the screws beneath.

Step 12



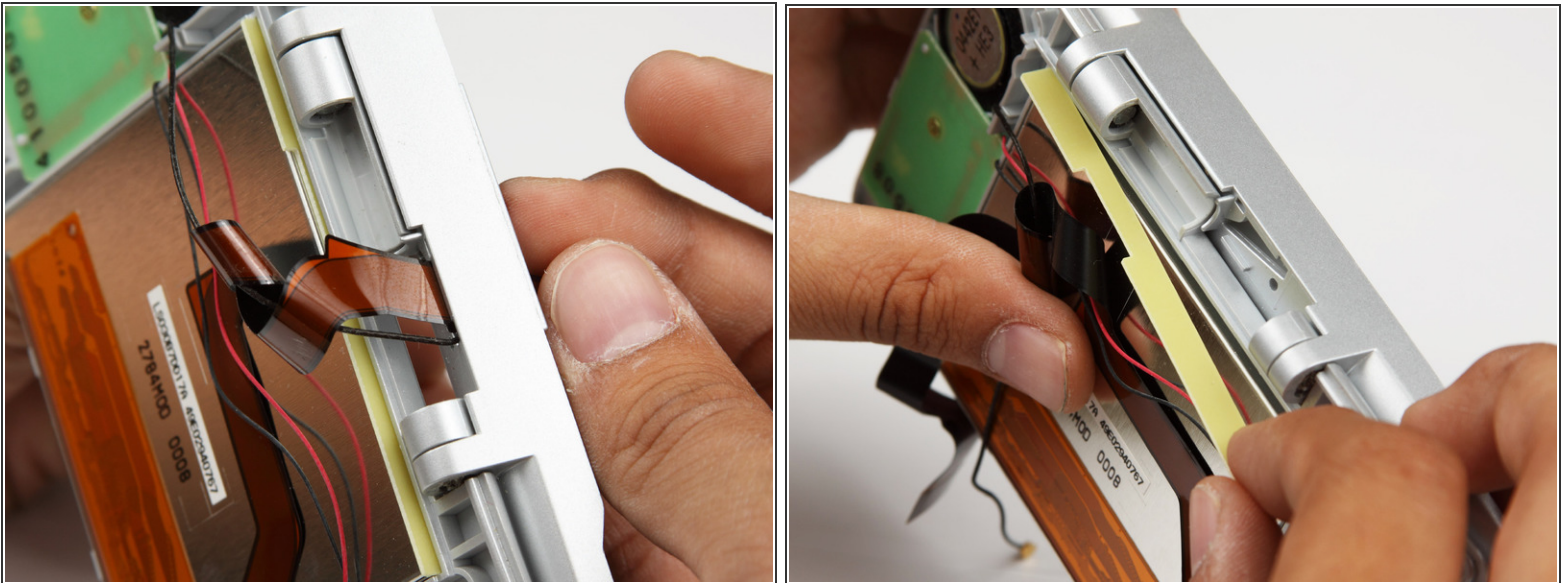
- Using a soft plastic tool, pry the edges of the plastic case apart at the seam.

Step 13



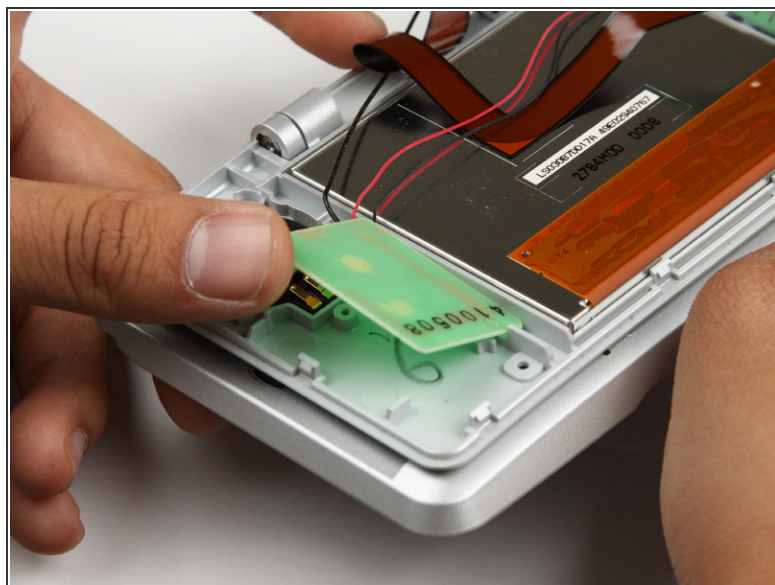
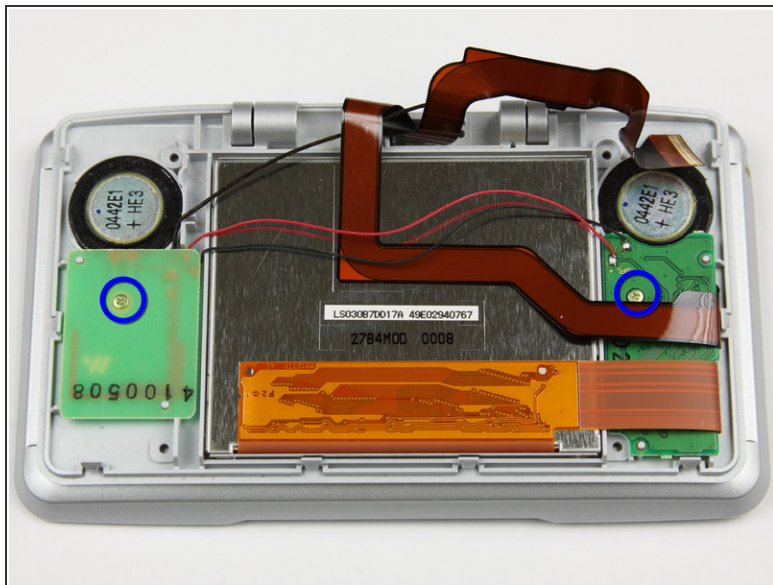
- Separate the top cover from the body.
- Using a Phillips #00 screwdriver, remove the screw holding the hinge cover in place.
- Remove the hinge cover and set it aside.

Step 14



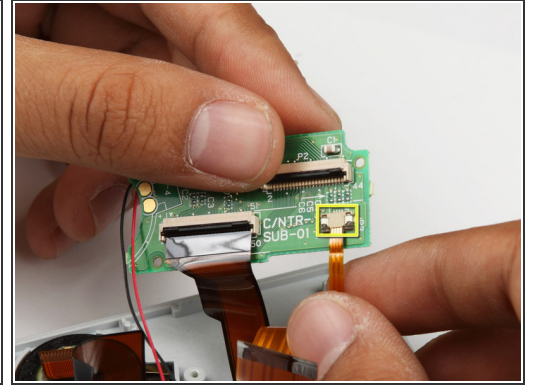
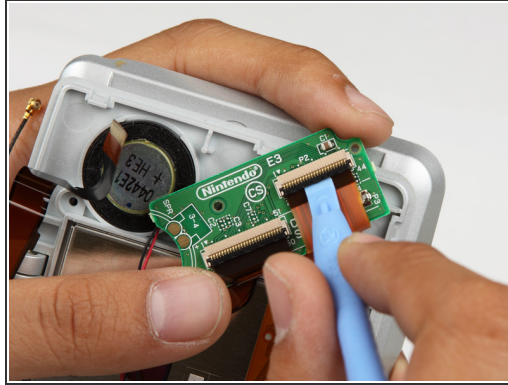
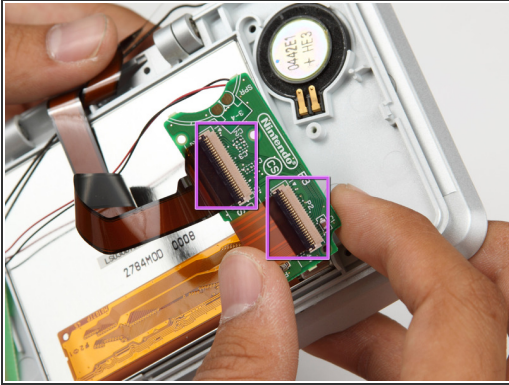
- Feed the ribbon cables and the Wifi pigtail cable through the opening in the hinge cover.
- Remove the yellow spacer, and set aside.

Step 15



- Using a Phillips #00 screwdriver, remove the two screws holding down the speaker circuit boards.
 - Remove the two small circuit boards and set aside.
- ⚠ Be careful of the small red and black wires connecting the two circuit boards not to break them.

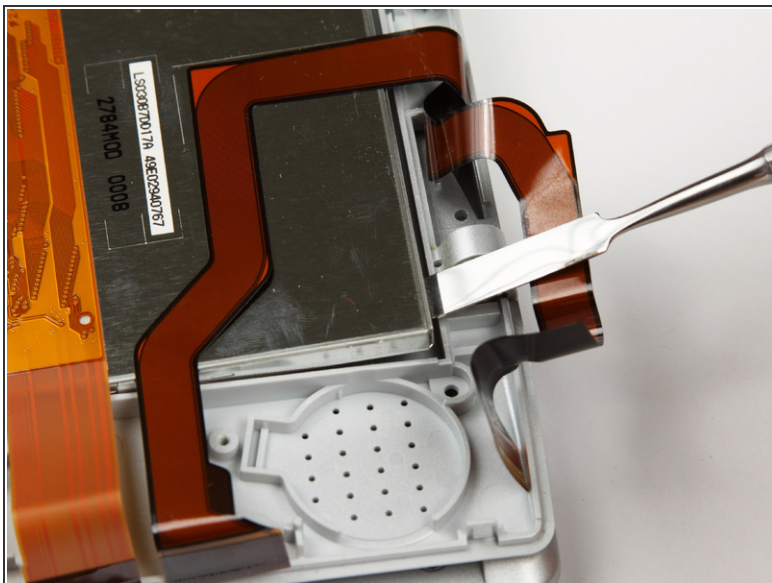
Step 16



- Move the black lock on the two large ribbon cables up with a pry tool, and gently pull out the two ribbon cables.
- For the small ribbon cable, pull the lock downwards.
- Gently pull out the small ribbon cable from the connector.
- Set the two small circuit boards aside

⚠ Be careful not to damage the two delicate ribbon cables when removing them from the DS.

Step 17



- Using a pry tool, gently lift the top screen out of the shell.
- Set the top screen aside

To reassemble your device, follow these instructions in reverse order.

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